

## SEQUENCE LISTING

<110> Takara Shuzo co., Ltd.

<120> Method of detecting a gene which is influenced by an environmental  
endocrine

<130> 661516

<150> JP 10-310285

<151> 1998-10-30

<160> 62

<210> 1

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify Smad3 mRNA.

<400> 1

caggtgtccc atcggaagg

19

<210> 2

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify Smad3 mRNA.

<400> 2

ctctctggta gtggtaggga tt 22

<210> 3

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify VEGF receptor mRNA.

<400> 3

tacaagatcg acgttagctc 20

<210> 4

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify VEGF receptor mRNA.

<400> 4

cagccaaatt cacagttaaa 20

Patent = 6,330,000

<210> 5

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify ACTR mRNA.

<400> 5

gctttgaaga tataatccga aggt

24

<210> 6

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify ACTR mRNA.

<400> 6

ggcctgggtga tgacagagta gataa

25

<210> 7

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify N-CoR/SMRT mRNA.

<400> 7

tatggaggac cctatgaaag tgta

24

<210> 8

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify N-CoR/SMRT mRNA.

<400> 8

ttacgaccat gttctactag acctt

25

<210> 9

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify efp mRNA.

<400> 9

cgccgtgaag acgtgcttgg

20

<210> 10

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify efp mRNA.

<400> 10

tcttggtcag gctctgttca atctc

25

<210> 11

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify c-Myc-1 mRNA.

<400> 11

cgccaagctc gtctca

16

<210> 12

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify c-Myc-1 mRNA.

<400> 12

tcaactgttc tcgtcgtttc

20

FOUOEHQ"ESSEESBO

<210> 13

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify vitamin D receptor mRNA.

<400> 13

caaacgctgt gtggacatcg g

21

<210> 14

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify vitamin D receptor mRNA.

<400> 14

ttctggatca tcttgacata gag

23

<210> 15

<211> 20

<212> DNA

<213> Artificial Sequence

Patent No. 2002/000000

<220>

<223> Designed oligonucleotide primer to amplify c-Myc-2 mRNA.

<400> 15

gtagtaattc cagcgagagg

20

<210> 16

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify c-Myc-2 mRNA.

<400> 16

ctatgggcaa agtttcgtg

19

<210> 17

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify Bax mRNA.

<400> 17

tgtttttctga cggcaacttc

20

<210> 18

FOUO 2396600

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify Bax mRNA.

<400> 18

gagcactccc gccacaa

17

<210> 19

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify JNK1 mRNA.

<400> 19

gagcagaagc aagcgtgac

19

<210> 20

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify JNK1 mRNA.

<400> 20

gacattgatg tacgggtgtt

20

<210> 21

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify p38 mRNA.

<400> 21

gtgcccgagc gttacca

17

<210> 22

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify p38 mRNA.

<400> 22

aaagttcatc ttcggcatct

20

<210> 23

<211> 20

<212> DNA

<213> Artificial Sequence

Patent No. 2,330,000

10/24

<220>

<223> Designed oligonucleotide primer to amplify TRIP 1 mRNA.

<400> 23

aaatgctaaa gttgcctat

20

<210> 24

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify TRIP 1 mRNA.

<400> 24

acatggactc gccgttct

18

<210> 25

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify ARA 70 mRNA.

<400> 25

agttgcataa gccgtcac

18

Patent 6,330,600

### <213> Artificial Sequence

<223> Designed oligonucleotide primer to amplify ARA 70 mRNA.

20

### <213> Artificial Sequence

<223> Designed oligonucleotide primer to amplify insulin receptor mRNA.

20

### ⟨213⟩ Artificial Sequence

<223> Designed oligonucleotide primer to amplify insulin receptor mRNA.

<400> 28

gcacccctgcc catcgaact

19

<210> 29

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify PDGF receptor mRNA.

<400> 29

tcaccattcc atgccgagta acaga

25

<210> 30

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify PDGF receptor mRNA.

<400> 30

aggacagtgg gcggtgggta gg

22

<210> 31

<211> 20

<212> DNA

<220>

<400> 31

<210> 32

## <212> DNA

 $\langle 220 \rangle$ 

&lt;400&gt; 32

&lt;210&gt; 33

## <212> DNA

$\langle 220 \rangle$

<400> 33

cagactccgg cctctatgct 20

<210> 34

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify FGF receptor mRNA.

<400> 34

gggcttccag aacggtcaac

20

<210> 35

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify p38 gamma mRNA.

<400> 35

tgatcgggct gctggacgta ttc

23

<210> 36

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify p38 gamma mRNA.

<400> 36

agagggcttg cattggtcag gatag

25

<210> 37

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify Bcl-X mRNA.

<400> 37

ccgggagctg gtggttgact tt

22

<210> 38

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify Bcl-X mRNA.

<400> 38

ttcttaccca gccgccgttc t

21

<210> 39

<211> 20

### <213> Artificial Sequence

<223> Designed oligonucleotide primer to amplify c-Myc-3 mRNA.

gtagtaattc cagcgagagg

20

&lt;211&gt; 19

### <213> Artificial Sequence

<223> Designed oligonucleotide primer to amplify c-Myc-3 mRNA.

ctatgggcaa agtttcgtg

19

<211> 20

### <213> Artificial Sequence

<223> Designed oligonucleotide primer to amplify pS2 protein mRNA.

<400> 41

20

&lt;211&gt; 22

### ⟨213⟩ Artificial Sequence

<223> Designed oligonucleotide primer to amplify pS2 protein mRNA.

22

&lt;211&gt; 19

### <213> Artificial Sequence

<223> Designed oligonucleotide primer to amplify lactoferrin mRNA.

19

<211> 20

### ⟨213⟩ Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify lactoferrin mRNA.

<400> 44

attagtaatg cctgcgacat

20

<210> 45

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify RIP 140 mRNA.

<400> 45

gcctctttgc ttcagtcatt

20

<210> 46

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify RIP 140 mRNA.

<400> 46

ttggcttagg tatagtctgg

20

<210> 47

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify TIF2 mRNA.

<400> 47

tccaaggcaa gatcacgtct

20

<210> 48

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify TIF2 mRNA.

<400> 48

aagccaacga tgacccta

20

<210> 49

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify JNK2 mRNA.

Patent 2350000

&lt;400&gt; 49

tatagtgtcc aagtggcaga ctcaa

25

&lt;210&gt; 50

&lt;211&gt; 23

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Designed oligonucleotide primer to amplify JNK2 mRNA.

&lt;400&gt; 50

atgtatgggt gacgcagagc ttc

23

&lt;210&gt; 51

&lt;211&gt; 24

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Designed oligonucleotide primer to amplify Bax delta mRNA.

&lt;400&gt; 51

gatgattgcc gccgtggaca caga

24

&lt;210&gt; 52

&lt;211&gt; 25

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

PUBCIN 23502600

<223> Designed oligonucleotide primer to amplify Bax delta mRNA.

ggtgagcact cccgccacaa agatg 25

&lt;211&gt; 25

### ⟨213⟩ Artificial Sequence

<223> Designed oligonucleotide primer to amplify BMK-1 mRNA.

ttaaagcccg ctccttcgat gtgac 25

&lt;211&gt; 23

### <213> Artificial Sequence

<223> Designed oligonucleotide primer to amplify BMK-1 mRNA.

ggcggtcggc acctgggtac act 23

&lt;210&gt; 55

&lt;211&gt; 25

## <212> DNA

### ⟨213⟩ Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify BMK-2 mRNA.

<400> 55

ggtggccatc aagaagatcc ctaat

25

<210> 56

&lt;211&gt; 24

## <212> DNA

### ⟨213⟩ Artificial Sequence

 $\langle 220 \rangle$ 

<223> Designed oligonucleotide primer to amplify BMK-2 mRNA.

<400> 56

cctcacgcct tgcattggaag tcct

24

<210> 57

&lt;211&gt; 25

## <212> DNA

### <213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify Src-1 mRNA.

<400> 57

gtatgaatga aggacccaat aactc

25

<210> 58

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify Src-1 mRNA.

<400> 58

ctggcaggat ctccgatttg a

21

<210> 59

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Designed oligonucleotide primer to amplify p300/CBP mRNA.

<400> 59

ttcagtcacc aacgtgccaa atatg

25

<210> 60

<211> 23

<212> DNA

SEQUENCE

